INDEX

Page

ABBE, CLEVELAND, The Atmosphere as an Integral Part of the Earth..... 114
Abstracts of Papers—Washington, 1911, Titles and..... 105
Alabama, The Hanging Valleys of, Collier Cobb..... 112
Alaska, Glaciers and Glaciation of, R. S. Tarr..... 3
The Noatak River, P. S. Smith..... 65
American Geographers, Association of, Constitution and By-Laws..... 118
Members of the Association of, December, 1912..... 120
Geographical Society in 1912, The Trans-Continental Excursion of the, W. M. Davis 108
ANDERSON, ROBERT, Geographic Features of Trinidad..... 112
Anthropogeography of North America, The, Mark Jefferson..... 107
Approaches to the Panama Canal as a Resource in Oceanography, The Exploration of the West Indian Seas in the, G. W. Littlehales..... 110
Arkansas, The Geography of the Ozark Dome and the Boston Mountain Plateau in Missouri and, C. F. Marbut..... 106
Association of American Geographers, Constitution and By-Laws..... 118
Members of the, December, 1912..... 120
"Atlas Photographique des Formes du Relief Terrestre," The, R. S. Tarr.... 110
Atmosphere, The, as an Integral Part of the Earth, Cleveland Abbe..... 114

Barometric Variations upon Mental Activity, The Effect of, Ellsworth Huntington..... 116
Beach Ridges of Northern and Southern Sweden, D. W. Johnson..... 112
BENNETT, H. H., The "Flatwoods" of the Coastal Plain and Its Soils..... 106
Boston Mountain Plateau in Missouri and Arkansas, The Geography of the Ozark Dome and the, C. F. Marbut..... 106
BOWMAN, ISAIAH, The Geographical Results of the Yale Peruvian Expedition. 108
Branches of Learning, The Relation of Geography to Certain other, R. M. Harper..... 109
Brazil, The Meteorological Interest of the Voyage to, R. DeC. Ward..... 113
BRIDGMAN, H. L., Exploration, Its Conditions and Rewards..... 108
BROWN, ROBERT M., A Discussion of the Humidity Factor in Ventilation..... 114
By-Laws, Association of American Geographers, Constitution and..... 118

Civilization, The Shift of the Storm Track, Storm Frequency and, C. J. Kullmer. 115
Classification of Natural Resources for the Use of Conservationists, A, N. M. Fenneman 105
Coast, Changes of the Level Along the North Carolina, Collier Cobb..... 117
Coastal Plain and Its Soils, The "Flatwoods" of the, H. H. Bennett..... 106
COBB, COLLIER, Changes of the Level Along the North Carolina Coast..... 117
The Hanging Valleys of Alabama..... 112
Conditions and Rewards, Exploration, Its, H. L. Bridgman..... 108
Conservationists, A Classification of Natural Resources for the use of, N. M. Fenneman 105
Constitution and By-Laws of the Association of American Geographers..... 118
Control a Glacial Stream, An Effort to, R. S. Tarr and L. Martin..... 25
COWLES, H. C., An International Phytogeographic Excursion..... 107

Page

CURTIS, G. C., Observations on South Newfoundland Fiords 118
Earth Sculpture 118
CUSHING, S. W., The East Coast of India, Some of its Geographic Factors 108
Cyclones, Hurricanes of the West Indies and Other Tropical, O. L. Fassig 116

DARTON, N. H., The Buried Valley of the Susquehanna River, Luzerne County, Pennsylvania 111
DAVIS, W. M., A Geographical Pilgrimage from Ireland to Italy 73
The Trans-Continental Excursion of the American Geographical Society in 1912 108
Deposits of Central New York to Soil Mapping, The Relation of the Glacial Lake, C. F. Marbut 106
Determining the Location of Earthquakes, On the Proper Map for, W. L. G. Joerg 49
Distribution of Illinois Fishes, Some Features of the Geographical, S. A. Forbes 107
DODGE, R. E., Geography and Human Construction 105

Earthquakes, On the Proper Map for Determining the Location of, W. L. G. Joerg 49
Earth Sculpture, G. C. Curtis 118
Earth, The Atmosphere as an Integral Part of the, C. Abbe 114
East Coast of India, The, Some of Its Geographic Factors, S. W. Cushing .. 108
Effect of Barometric Variations upon Mental Activity, The, Ellsworth Huntington 116
Effort to Control a Glacial Stream, R. S. Tarr and L. Martin 25
EMERSON, F. V., Some Geographic Responses in Central Kansas 118
England, The Border of the Wash and the Norfolk Broads, D. W. Johnson .. 112
Environment"—An Estimate of Miss Semple's "Influences of Geographic, R. H. Whitbeck 109
Europe, Houses and House Material in West, M. Jefferson 106
Excursion, An International Phytogeographic, H. C. Cowles 107
of the American Geographical Society in 1912, The Trans-Continental, W. M. Davis 108
Expedition, The Geographical Results of the Yale Peruvian, I. Bowman 108
Exploration of the West Indian Seas in the Approaches to the Panama Canal as a Resource in Oceanography, The, G. W. Littlehales 110
Exploration, Its Conditions and Rewards, H. L. Bridgman 108

FASSIG, O. L., Hurricanes of the West Indies and Other Tropical Cyclones 116
Fauna in Southern Vera Cruz and Its Bearing on the Origin of the Savannahs, The Local Distribution of the Reptile-Amphibian, A. G. Ruthven 41
FENNEMAN, N. M., A Classification of Natural Resources for the use of Conservationists 105
FEWKES, J. W., The People of the Junipers 106
"Flatwoods" of the Coastal Plain and Its Soils, The, H. H. Bennett 106
Fiords, Observations on South Newfoundland, G. C. Curtis 118
Fishes, Some Features of the Geographical Distribution of Illinois, S. A. Forbes. 107
Fog Formation, A. Lawrence Rotch 112
FORBES, S. A., Some Features of the Geographical Distribution of Illinois Fishes 107
Formes du Relief Terrestre," The "Atlas Photographique des, R. S. Tarr 110

Page

Geographers, Association of American, Constitution and By-Laws..... 118
Members of the Association of American, December, 1912..... 120
Geographic Basis, Industries of Wisconsin and their, R. H. Whitbeck..... 55
Environment," An estimate of Miss Semple's "Influences of, R. H. Whitbeck 109
Factors, The East Coast of India, Some of Its, S. W. Cushing..... 108
Features of Trinidad, Robert Anderson 112
Responses in Central Kansas, Some, F. V. Emerson..... 118
Geographical Distribution of Illinois Fishes, Some Features of the, S. A. Forbes. 107
Pilgrimage from Ireland to Italy, A. W. M. Davis..... 73
Results of the Yale Peruvian Expedition, The, I. Bowman..... 108
Geography and Human Construction, R. E. Dodge..... 105
of the Ozark Dome and the Boston Mountain Plateau in Missouri and Arkansas, C. F. Marbut 106
to certain other Branches of Learning, The Relation of, R. M. Harper.. 109
Glacial Lake Deposits of Central New York to Soil Mapping, The Relation of the, C. F. Marbut 106
Stream, An Effort to Control a, R. S. Tarr and L. Martin..... 25
Glaciers and Glaciation of Alaska, R. S. Tarr..... 3
Ground Water and Streams, The Relation between, W. J. McGee..... 111

Hall., Memoir of Christopher Webber, L. Martin..... 101
Hanging Valleys of Alabama, The Collier Cobb..... 112
HARPER, R. M., The Relation of Geography to Certain other Branches of Learning 109
Houses and House Materials in West Europe, Mark Jefferson..... 106
Human Construction, Geography and, R. E. Dodge..... 105
Humidity Factor in Ventilation, A Discussion of the, R. M. Brown..... 114
HUNTINGTON, ELLSWORTH, The Effect of Barometric Variations upon Mental Activity 116
Hurricanes of the West Indies and other Tropical Cyclones, O. L. Fassig..... 116

Illinois Fishes, Some Features of the Geographical Distribution of, S. A. Forbes. 107
India, The East Coast of, Some of Its Geographic Factors, S. W. Cushing.... 108
Industries of Wisconsin, and their Geographic Basis, R. H. Whitbeck..... 55
"Influences of Geographic Environment," An Estimate of Miss Semple's, R. H. Whitbeck 109
International Phytogeographic Excursion, An, H. C. Cowles..... 107
Ireland to Italy, A Geographical Pilgrimage from, W. M. Davis..... 73

JEFFERSON, MARK, Houses and House Materials in West Europe..... 106
The Anthropogeography of North America..... 107
JOHNSON, D. W., Beach Ridges of Northern and Southern Sweden..... 112
The Border of the Wash and the Norfolk Broads, England..... 112
JOERG, W. L. G., On The Proper Map for Determining the Location of Earthquakes 49
Junipers, The People of the, J. W. Fewkes..... 106

Kansas, Some Geographic Responses in Central, F. V. Emerson..... 118
KULLMER, CHARLES JULIUS, Storm Frequency and Civilization, The Shift of the Storm Track 115

Page

Lake Deposits of Central New York to Soil Mapping, The Relation of the Glacial, C. F. Marbut 106
Littlehales, G. W., The Exploration of the West Indian Seas in the Approaches to the Panama Canal as a Resource in Oceanography..... 110
Location of Earthquakes, On the Proper Map for Determining the, W. L. G. Joerg 49
Luzerne County, Pennsylvania, The Buried Valley of the Susquehanna River, N. H. Darton 111

Map for Determining the Location of Earthquakes, On the Proper, W. L. G. Joerg 49
of the Yosemite Valley, The, F. E. Matthes..... 109
Maps, The Principles and Methods Employed in Making Topographic, R. H. Sargent 109
Marbut, C. F., The Geography of the Ozark Dome and the Boston Mountain Plateau in Missouri and Arkansas..... 106
The Relation of the Glacial Lake Deposits of Central New York to Soil Mapping 106
Martin, L., Memoir of Christopher Webber Hall..... 101
and R. S. Tarr, An Effort to Control a Glacial Stream..... 25
Matthes, F. E., The Map of the Yosemite Valley, An Analysis..... 109
McGee, W. J., The Relation between Ground Water and Streams..... 111
Members of the Association of American Geographers, December, 1912..... 120
Memoir of Christopher Webber Hall, L. Martin..... 101
Mental Activity, The Effect of Barometric Variations upon, Ellsworth Huntington 116
Meteorological Interest of the Voyage to Brazil, The, R. DeC. Ward..... 113
Missouri and Arkansas, The Geography of the Ozark Dome and the Boston Mountain Plateau in, C. F. Marbut..... 106

Natural Resources for the Use of Conservationists, A Classification of, N. M. Fenneman 105
Noatak River, Alaska, The, P. S. Smith..... 65
North America, The Anthropography of, Mark Jefferson..... 107
North Carolina Coast, Changes of Level Along the, Collier Cobb..... 117
Norfolk Broads, England, The Border of the Wash and the, D. W. Johnson.. 112
New York to Soil Mapping, The Relation of the Glacial Lake Deposits of Central, C. F. Marbut 106
Niagara History, The Early Part of, Frank B. Taylor..... 112

Oceanography, The Exploration of the West Indian Seas in the Approaches to the Panama Canal as a Resource in, G. W. Littlehales..... 110
Ozark Dome and the Boston Mountain Plateau in Missouri and Arkansas, The Geography of the, C. F. Marbut..... 106

Panama Canal as a Resource in Oceanography, The Exploration of the West Indian Seas in the Approaches to the, G. W. Littlehales..... 110
Papers, Titles and Abstracts of, Washington, 1911..... 105
People of the Junipers, The, J. W. Fewkes..... 106
Peruvian Expedition, The Geographical Results of the Yale, I. Bowman..... 108
Phytogeographic Excursion, An International, H. C. Cowles..... 107
Pilgrimage from Ireland to Italy, A Geographical, W. M. Davis..... 73

Page

Principles and Methods Employed in Making Topographic Maps, The, R. H. Sargent 109

Relation between Ground Water and Streams, The W. J. McGee..... 111
of Geography to Certain other Branches of Learning, The, R. M. Harper. 109
of the Glacial Lake Deposits of Central New York to Soil Mapping, The, C. F. Marbut 106
Relief Terrestre," The "Atlas Photographique des Formes du, R. S. Tarr.... 110
Reptile-Amphibian Fauna in Southern Vera Cruz and Its Bearing on the Origin of the Savannahs, The Local Distribution of the, A. G. Ruthven. 41
ROTCH, A. LAWRENCE, Fog Formation..... 112
RUTHVEN, A. G., The Local Distribution of the Reptile-Amphibian Fauna in Southern Vera Cruz and Its Bearing on the Origin of the Savannahs. 41

SARGENT, R. H., The Principles and Methods Employed in Making Topographic Maps..... 109
Savannahs, The Local Distribution of the Reptile-Amphibian Fauna in Southern Vera Cruz and Its Bearing on the Origin of the, A. G. Ruthven. 41
Semple's "Influences of Geographic Environment," An Estimate of Miss, R. H. Whitbeck 109
SMITH, P. S., The Noatak River, Alaska..... 65
Soil Mapping, The Relation of the Glacial Lake Deposits of Central New York to, C. F. Marbut 106
Soils, The "Flatwoods" of the Coastal Plain and Its, H. H. Bennett..... 106
South Newfoundland Fiords, Observation on, G. C. Curtis..... 118
Storm Frequency and Civilization, The Shift of the Storm Track, C. J. Kullmer. 115
Streams, The Relation between Ground Water and, W. J. McGee..... 111
Susquehanna River, Luzerne County, Pennsylvania, The Buried Valley of, N. H. Darton 111
Sweden, Beach Ridges of Northern and Southern, D. W. Johnson..... 112

TARR, R. S. and L. MARTIN, An Effort to Control a Glacial Stream..... 25
The "Atlas Photographique des Formes du Relief Terrestre"..... 110
Glaciers and Glaciation of Alaska..... 3
TAYLOR, FRANK B., The Early Part of Niagara History..... 112
Titles and Abstracts of Papers, Washington, 1911..... 105
Topographic Maps, The Principles and Methods Employed in Making, R. H. Sargent 109
Trans-Continental Excursion of the American Geographical Society in 1912, W. M. Davis 108
Trinidad, Geographic Features of, Robert Anderson..... 112

Valley of the Susquehanna River, Luzerne County, Pennsylvania, The, N. H. Darton 111
Valleys, of Alabama, The Hanging, Collier Cobb..... 112
Ventilation, A Discussion of the Humidity Factor in, R. M. Brown..... 114
Vera Cruz and Its Bearing on the Origin of the Savannahs, The Local Distribution of the Reptile-Amphibian Fauna in Southern, A. G. Ruthven. 41

WARD, R. DEC., The Meteorological Interest of the Voyage to Brazil..... 113
The Value of Non-Instrumental Weather Observations..... 113
Weather Observations, The Value of Non-Instrumental, R. DeC. Ward..... 113

Page

West Indian Seas in the Approaches to the Panama Canal as a Resource in Oceanography, The Exploration of the, G. W. Littlehales..... 110
West Indies, Hurricanes of the, and other Tropical Cyclones, O. L. Fassig.. 116
WHITBECK, R. H., An Estimate of Miss Semple's "Influences of Geographic Environment" 109
Industries of Wisconsin and Their Geographic Basis..... 55
Wisconsin, Industries of, and their Geographic Basis, R. H. Whitbeck..... 55

Yale Peruvian Expedition, The Geographical Results of the, I. Bowman..... 108
Yosemite Valley, The Map of the, F. E. Matthes..... 109